

USOE Suggested Grade 6 Pacing Guide

Standard Biggest Idea	Objective Big Idea	1 (weeks 1-3)	2 (weeks 4-6)	3 (weeks 7-9)	4 (weeks 10-12)	5 (weeks 13-15)	6 (weeks 16-18)
Standard 1 Number Sense	1 Represent	Recognize & Represent Rational Numbers		Exponents to Standard Form			
	2 Relationships			Compare & Order Rational Numbers	Equivalent forms of rational numbers	Positive & Negative Decimals & Fractions	
	3 Number Theory	Prime, Composite, Neither, to 100 Prime Factorization, GCF, LCM					
	4 Model						
	5 Problem Solving		Estimation of Calculations		Appropriate methods to solve multi-step problems		
	6 Computation		Multiply Whole Numbers Divide Whole Numbers		Multiply & Divide Decimals		Add & Subtract Fractions & Mixed Numbers
Standard 2 Algebra	1 Relations & Rules		Create & Analyze Tables	Create & Analyze Various Graphs	Create & Analyze Equations & Expressions	Graphs & Tables From Equations	
	2 Expressions, Equations & Formulas					Linear Equations	
Standard 3 Geometry	1 Geometric Shapes			<i>Review Geometric Attributes</i>	Midpoint, Angles Center, Circumference		
	2 Coordinate Plane Transformations						Variety of Transformations
Standard 4 Measurement	1 Circles				Radius, diameter, circumference & pi		
	2 Measurable Attributes						
Standard 5 Data Analysis/ Probability	1 Data	Design Investigations, Influence of Scale		Data graph Comparison	Circle Graphs		
	2 Probability						

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Standard Biggest Idea	Objective Big Idea		7 (weeks 19-21)	8 (weeks 22-24)	9 (weeks 25-27)	10 (weeks 28-30)	11 (weeks 31-33)	12 (weeks 34-36)
Standard 1 Number Sense	1	Represent	Expanded Form	Scientific Notation				Review concepts for mastery and differentiation. Enrich using exploratory skills and concepts.
	2	Relationships	Positive & Negative Mixed Fractions Finding Common Denominators		Rational Number Equivalencies	Percents <1 & > 100		
	3	Number Theory						
	4	Model	Multiply & Divide Fractions & Mixed Numbers		Mixed Number & Decimal Remainders	Ratios from multiplication table		
	5	Problem Solving	Solve multi-step problems with multiplication & division of fractions & decimals			Ratios and Proportions		
	6	Computation	Multiply & Divide Fractions & Mixed Numbers				Add & Subtract Integers Additive Inverse	
Standard 2 Algebra	1	Pattern Rules						
	2	Expressions/ Inequalities & Equations	Equivalent Expressions	Simplify Expressions & Formulas				
Standard 3 Geometry	1	Geometric Shapes	Variety of Transformations					
	2	Coordinate Planes						
Standard 4 Measurement	1	Area						
	2	Surface Area & Volume	Precision of measurement	Converting within system	Comparing between systems	Surface area & volume		
Standard 5 Data Analysis/ Probability	1	Data	Scatter plots					
	2	Probability			Experimental vs. Theoretical Expressed as a fraction or percent Comparing Results			

Instruction begins within the blocked timeframe and is assumed to be extended throughout the remainder of the school year.

Italicized words are review from previous year's core.

This guide is **not** meant to replace the Core. The intent of the guide is to provide a suggested pacing sequence. Major topics are listed within the guide; however, the Utah State Core Curriculum should be referred to while planning instruction.